

| FORM PTO-1449  |    |              |   |   |   |   |   |   |          | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |       | ATTY. DOCKET NO.<br>S004-3747 |                                  | SERIAL NO.<br>09/369,090 |  |
|--|----|--------------|---|---|---|---|---|---|----------|--|-------|-------------------------------|----------------------------------|--------------------------|--|
| LIST OF PRIOR ART CITED BY APPLICANT   |    |              |   |   |   |   |   |   |          | APPLICANT<br>Akihiro IINO et al.                           |       |                               |                                  |                          |  |
|  |    |              |   |   |   |   |   |   |          | FILING DATE<br>August 5, 1999                              |       | GROUP<br>2834                 |                                  |                          |  |
| U.S. PATENT DOCUMENTS  |    |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
| *  |    | DOCUMENT NO. |   |   |   |   |   |   | DATE     | NAME   | CLASS | SUBCLASS                      | FILING DATE<br>IF<br>APPROPRIATE |                          |  |
|  | AA | 6            | 2 | 1 | 8 | 7 | 6 | 7 | 04-17-01 | Akada et al.   | 310   | 323.02                        |                                  |                          |  |
|  | AB | 4            | 6 | 4 | 9 | 3 | 1 | 1 | 03-10-87 | Mukohjima et al.   | 310   | 323                           |                                  |                          |  |
|  | AC |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AD |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AE |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AF |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AG |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AH |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AI |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AJ |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AK |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
| FOREIGN PATENT DOCUMENTS   |    |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
| *  |    | DOCUMENT NO. |   |   |   |   |   |   | DATE     | COUNTRY  | CLASS | SUBCLASS                      | TRANSLATION<br>YES NO            |                          |  |
|  | AL | 09           | 2 | 0 | 1 | 0 | 8 | 0 | 07-31-97 | Japan  | --    | --                            |                                  | X                        |  |
|  | AM | 07           | 0 | 6 | 7 | 3 | 6 | 6 | 03-10-95 | Japan  | --    | --                            | abst                             |                          |  |
|  | AN |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AO |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AP |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AQ |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)  |    |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AR |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AS |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
|  | AT |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |
| EXAMINER: Mark O. Budd   |    |              |   |   |   |   |   |   |          | DATE CONSIDERED:   |       |                               |                                  |                          |  |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. |    |              |   |   |   |   |   |   |          |  |       |                               |                                  |                          |  |